

communicate with said enclosure and a second opening adapted to communicate with the surrounding environment, the housing being made of a nickel, chromium, molybdenum alloy having a resistance to corrosion from said corrosive elements for at least 200 years;

a filter media disposed in said chamber between the first and second openings for venting hydrogen gas from the container, the filter media being a carbon-to-carbon filter media for providing a hydrogen permeability greater than 10E-06 mol/S/mol fraction weight, a removal of 0.45 micron particles exceeding 99.00% at an air flow capacity less than 200 ml/min., at a pressure differential less than 1.0 inch, and

a seal between the filter media and the housing, the seal consisting of direct engagement between the nickel, chromium, molybdenum alloy of the housing and the carbon-to-carbon filter media.